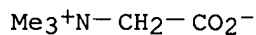
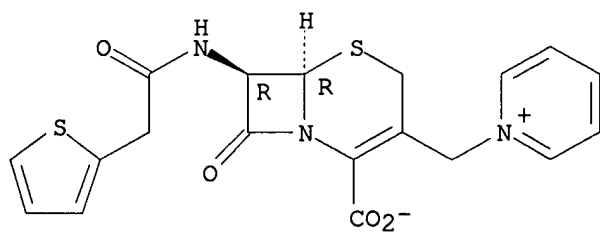


L Number	Hits	Search Text	DB	Time stamp
1	10770	betaine	USPAT; US-PGPUB	2003/07/23 12:36
2	6	sylimarin	USPAT; US-PGPUB	2003/07/23 12:35
3	1	sylimarin and betaine	USPAT; US-PGPUB	2003/07/23 12:35
4	8916	betaine and methyl	USPAT; US-PGPUB	2003/07/23 12:37
5	596	((betaine and methyl) and carbohydrate	USPAT; US-PGPUB	2003/07/23 12:37
6	58	((betaine and methyl) and carbohydrate) and dehydration	USPAT; US-PGPUB	2003/07/23 12:37
-	168	sylimarin or silibin or (milk adj thistle)	USPAT; US-PGPUB	2003/07/17 16:08
-	83	(sylimarin or silibin or (milk adj thistle)) and (glucose or ribose or galactose or carbohydrate)	USPAT; US-PGPUB	2003/07/17 16:09

N 107-43-7 REGISTRY
 CN Methanaminium, 1-carboxy-N,N,N-trimethyl-, inner salt (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Ammonium compounds, substituted, (carboxymethyl)trimethyl-, hydroxide, inner salt (7CI)
 CN **Betaine (8CI)**
 CN Methanaminium, 1-carboxy-N,N,N-trimethyl-, hydroxide, inner salt
 OTHER NAMES:
 CN (Carboxymethyl)trimethylammonium hydroxide inner salt
 CN (Trimethylammonio)acetate
 CN .alpha.-Earleine
 CN Abromine
 CN Aminocoat
 CN Aquadew AN 100
 CN Betafin
 CN Betafin BCR
 CN Betafin BP
 CN Cystadane
 CN FinnStim
 CN **Glycine betaine**
 CN **Glycine, trimethylbetaine**
 CN **Glycocoll betaine**
 CN **Glycylbetaine**
 CN Greenstim
 CN Loramine AMB 13
 CN Lysine
 CN N,N,N-Trimethylglycine
 CN Oxyneurine
 CN Rubrine C
 CN Trimethylglycine
 CN Trimethylglycocoll
 FS 3D CONCORD
 DR 11042-12-9, 590-30-7, 24980-93-6, 45631-77-4
 MF C5 H11 N O2
 CI COM
 LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMLIST, CIN, CSCHM, CSNB, DDFU, DETHERM*, DIOGENES, DRUGU, EMBASE, GMELIN*, HODOC*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NAPRALERT, PHAR, PIRA, PROMT, RTECS*, SPECINFO, TOXCENTER, TULSA, USAN, USPAT2, USPATFULL, VETU
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)

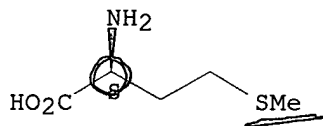




2473 REFERENCES IN FILE CA (1957 TO DATE)
 16 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 2475 REFERENCES IN FILE CAPLUS (1957 TO DATE)
 47 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

1 ANSWER 20546 OF 20546 REGISTRY COPYRIGHT 2003 ACS
 RN 63-68-3 REGISTRY
 CN **L-Methionine (9CI)** (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Methionine, L- (8CI)
 OTHER NAMES:
 CN (S)-2-Amino-4-(methylthio)butanoic acid
 CN .alpha.-Amino-.gamma.-methylmercaptobutyric acid
 CN .gamma.-Methylthio-.alpha.-aminobutyric acid
 CN 2-Amino-4-(methylthio)butyric acid
 CN Acimethin
 CN Butanoic acid, 2-amino-4-(methylthio)-, .(S)-
 CN Cymethion
 CN h-Met-oh
 CN L-(-)-Methionine
 CN L-.alpha.-Amino-.gamma.-methylthiobutyric acid
 CN L-Homocysteine, S-methyl-
 CN **l-Methionine**
 CN Methionine
 CN S-Methionine
 FS STEREOSEARCH
 DR 7005-18-7, 24425-78-3
 MF C5 H11 N O2 S
 CI COM
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOBUSINESS,
 BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB,
 CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, CSNB, DDFU,
 DETHERM*, DIOGENES, DRUGU, EMBASE, GMELIN*, HODOC*, HSDB*, IFICDB,
 IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NAPRALERT, NIOSHTIC,
 PIRA, PROMT, RTECS*, SPECINFO, TOXCENTER, TULSA, USAN, USPAT2,
 USPATFULL, VETU, VTB
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)

Absolute stereochemistry.



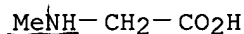
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

29558 REFERENCES IN FILE CA (1957 TO DATE)
 692 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 29583 REFERENCES IN FILE CAPLUS (1957 TO DATE)
 10 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 775 OF 775 REGISTRY COPYRIGHT 2003 ACS
 RN 50-59-9 REGISTRY
 CN Pyridinium, 1-[[(6R,7R)-2-carboxy-8-oxo-7-[(2-thienylacetyl)amino]-5-thia-1-azabicyclo[4.2.0]oct-2-en-3-yl]methyl]-, inner salt (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Pyridinium, 1-[[2-carboxy-8-oxo-7-[(2-thienylacetyl)amino]-5-thia-1-azabicyclo[4.2.0]oct-2-en-3-yl]methyl]-, hydroxide, inner salt, (6R-trans)-
 CN Pyridinium, 1-[[2-carboxy-8-oxo-7-[2-(2-thienyl)acetamido]-5-thia-1-azabicyclo[4.2.0]oct-2-en-3-yl]methyl]-, hydroxide, inner salt (8CI)
 OTHER NAMES:
 CN **7-[.alpha.-(2-Thienyl)acetamido]-3-(1-pyridylmethyl)-3-cephem-4-carboxylic acid betaine**
 CN Aliporina
 CN Ampligram
 CN Cefaloridin
 CN Cefaloridine
 CN Ceflorin
 CN Cepaloridin
 CN Cepalorin
 CN Ceph 87/4
 CN Cephaloridin
 CN Cephaloridine
 CN Cephlodine
 CN Ceporan
 CN Ceporin
 CN Ceporine
 CN Cer
 CN Cilifor
 CN Deflorin
 CN Faredina
 CN Floridin
 CN Glaxoridin
 CN Intrasporin
 CN Keflodin
 CN Keflordin
 CN Kefspor
 CN Lilly 40602
 CN Lloncefal
 CN Loridine
 CN Pyridinium, 1-[[2-carboxy-8-oxo-7-[(2-thienylacetyl)amino]-5-thia-1-azabicyclo[4.2.0]oct-2-en-3-yl]methyl]-, inner salt, (6R-trans)-
 CN Sch 11527
 CN Sefacin
 FS STEREOSEARCH
 DR 806-83-7, 2001-46-9
 MF C19 H17 N3 O4 S2
 CI COM
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMLIST, CIN, CSCHM, DDFU, DIOGENES, DRUGU, EMBASE, HSDB*, IFICDB, IFIPAT, IFIUIDB, IPA, MEDLINE, MRCK*, NAPRALERT, NIOSHTIC, PROMT, RTECS*, TOXCENTER, USAN, USPAT2, USPATFULL, VETU
 (*File contains numerically searchable property data)
 Other Sources: EINECS**, WHO
 (**Enter CHEMLIST File for up-to-date regulatory information)

Absolute stereochemistry. Rotation (+).

L3 ANSWER 1193 OF 1196 REGISTRY COPYRIGHT 2003 ACS
 RN 107-97-1 REGISTRY
 CN Glycine, N-methyl- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN **Sarcosine (8CI)**
 OTHER NAMES:
 CN (Methylamino)acetic acid
 CN (Methylamino)ethanoic acid
 CN Acetic acid, (methylamino)-
 CN Methylglycine
 CN N-Methylaminoacetic acid
 CN N-Methylglycine
 CN Sarcosin
 CN Sarcosinic acid
 FS 3D CONCORD
 MF C3 H7 N O2
 CI COM
 LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS,
 BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS,
 CHEMINFORMRX, CHEMLIST, CIN, CSCHM, DDFU, DETHERM*, DRUGU, EMBASE,
 GMELIN*, HODOC*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS,
 NAPRALERT, NIOSHTIC, PROMT, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER,
 TULSA, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)



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New Products

New From DVM!

OtiRinse® and OtiFoam®

OtiRinse® Ear Cleanser and Drying Solution



Ear Cleanser



Contains a Combination of DSS, Salicylic Acid, Lactic Acid and Benzoic Acid



Aloe Vera



Pleasant Fragrance



Available in Convenient 4oz Size for Dispensing

OtiFoam® Ear Cleanser



Ear cleanser with Foaming Action



Contains a Combination of Cocamidopropyl **Betaine** and Salicylic Acid



Eucalyptus



Pleasant Fragrance



Available in Convenient 4oz Size for Dispensing

New From Bio-Nutrition Laboratories, LLC (makers of ExClude)

PediaSorb SA™ Enteric

A Better Choice For Diarrhea and a New Alternative for **Rehydration**



Effective, even when the sodium pump is disabled



Less Costly, Less Hassle, Less Time-Consuming



Efficacy at Least Equivalent to IV Therapy



Faster **Rehydration** - Up To 50%!



Alleviates Symptoms of Inflammatory Bowel Disease



Available in a Case of 12 x 12.7gm Packets



Sold Exclusively Through Veterinary Distributors

Discussion: PediaSorb™ Enteric has demonstrated efficacy when used to rehydrate puppies afflicted with parvovirus and when used for symptomatic control of diarrhea caused by inflammatory bowel disease. It was developed to offer an alternative to cumbersome, costly and time-consuming IV **rehydration** techniques. The unique formulation of PediaSorb™ Enteric provides efficacy at least equivalent to intravenous fluid replacement, but with much faster **rehydration** -- up to 50% faster! Intestinal villi are damaged and the sodium pump is often disabled with enteric diseases. Traditional oral electrolytes that contain dextrose as their primary ingredient require healthy villi for absorption. That's why they are often not very effective and explains why veterinarians have preferred intravenous techniques for **rehydration**. PediaSorb™ Enteric contains several novel ingredients that provide a co-transport system for fluids and electrolytes even in the presence of severely damaged intestinal villi : L-glutamine is a plasma amino acid shown in many human studies to speed regenerative of damaged intestinal villi and to enhance absorption of electrolytes and fluids. Complex carbohydrates Maltodextrin and trace protein Hydrolysate provide the same absorption function of glucose but without the need for healthy villi. *The co-transport system results in a reversal of diarrhea*, instead of just replacing lost fluids as intravenous therapy does. The use of protein hydrolysates in PediaSorb™ Enteric are important

for several reasons: The smaller protein size (less than 1400 Daltons) means better absorption with more complete digestion. These proteins will not cause reactions in dogs or cats with food intolerance, a common condition in animals with inflammatory bowel disease. PediaSorb™ Enteric provides nutritional support for patients that are not eating.